

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**
*(Only for new nonprovisional applications under
37 C.F.R. 1.53(b))*

Attorney Docket No. 1086.2002-001

First Named Inventor or Application Identifier Paul Turner

Express Mail Label No. EL552284690US

Title of Invention COMPUTER METHOD AND APPARATUS FOR CONSTRAINING A NON-LINEAR APPROXIMATOR OF AN EMPIRICAL PROCESS

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, D.C. 20231

1. [X] Fee Transmittal Form
(Submit an original, and a duplicate for fee processing)
2. [X] Specification **[Total Pages 44]**
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to microfiche Appendix
 - Background of the Invention
 - Summary of the Invention
 - Brief Description of the Drawings
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
3. [X] Drawing(s) (35 U.S.C. 113) **[Total Sheets 3]**
 - [] Formal [X] Informal
 - [X] Fig. of the Drawings for Publication [1]
4. [X] Oath or Declaration/POA **[Total Pages 12]**
 - a. [X] Newly executed (original or copy)
 - b. [] Copy from a prior application (37 C.F.R. 1.63(d))
(for continuation/divisional with Box 18 completed)
[NOTE Box 5 below]
 - i. [] DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5. [] Incorporation By Reference *(useable if Box 4b is checked)*
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6. [] Microfiche Computer Program (*Appendix*)
7. [] Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. [] Computer Readable Copy
 - b. [] Paper Copy (identical to computer copy)
[] Pages
 - c. [] Statement verifying identity of above copies
8. [X] Assignment Papers (cover sheet & documents)
[X] Assignee - **Aspen Technology, Inc.**
Cambridge, MA 02141
9. [] 37 C.F.R. 3.73(b) Statement [] Power of Attorney
(when there is an assignee)
10. [] English Translation Document (*if applicable*)
11. [X] Information Disclosure Statement (IDS)/PTO-1449 [X] Copies of IDS Citations
12. [] Preliminary Amendment
13. [X] Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
14. [] Small Entity Statement(s) [] Statement filed in prior application, status still proper and desired
15. [] Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. [] Nonpublication Request (*check parent application*)
17. [] Other: _____

ACCOMPANYING APPLICATION PARTS

18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

[] Continuation [] Divisional [] Continuation-in-part (CIP) of prior application No.:

Prior application information: Examiner: Group Art Unit:

19. CORRESPONDENCE ADDRESS

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Signature	J. Scott Southworth	Date	June 27, 2001
Submitted by Typed or Printed Name	J. Scott Southworth	Reg. Number	39,382

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

FEE TRANSMITTAL FOR PATENT APPLICATIONS	Attorney Docket Number	1086.2002-001
	Application Number	
	First Named Inventor	Paul Turner

CLAIM CALCULATION (includes any preliminary amendment)

CLAIMS	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
	TOTAL CLAIMS (37 CFR 1.16(c) or (j))	24 - 20* =	4	x \$ 18 =	\$ 72
	INDEPENDENT CLAIMS (37 CFR 1.16(b) or (i))	6 - 3** =	3	x \$ 80 =	\$ 240
	MULTIPLE DEPENDENT CLAIMS (if applicable) (37 CFR 1.16(d))			+ \$ 270 =	\$
				BASIC FEE (37 CFR 1.16(a) or (h))	\$ 710
				Total of above Calculations =	\$ 1022
				Reduction by 50% for filing by small entity (37 CFR 1.9, 1.27, 1.28) =	\$
				TOTAL =	\$ 1022
				Surcharge - Late Filing of Declaration or Filing Fees (37 C.F.R. 1.16(e)) =	\$
				Petition for Extension of Time Fee (37 C.F.R. 1.17) =	\$
				Assignment Recordation Fee = (only when filed with application)	\$ 40
	* Reissue claims in excess of 20 and over original patent ** Reissue independent claims over original patent			TOTAL =	\$ 1062

1. Small entity status:
 - a. A small entity statement is enclosed.
 - b. A small entity statement was filed in the prior non-provisional application and such status is still proper and desired.
 - c. Is no longer claimed.
2. A general authorization is hereby granted to charge deposit account number 08-0380 for any fees required under 37 CFR 1.16 and 1.17 in order to maintain pendency of this application. A copy of this authorization is enclosed for accounting purposes.
3. A check is enclosed for \$1062. Please charge \$ to Deposit Account No. 08-0380.
4. Other: _____

Signature	J. Scott Southworth	Date	June 27, 2001
Submitted by Typed or Printed Name	J. Scott Southworth	Reg. Number	39,382